Alexander Wiegman

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Summary

Alex is an experienced cyber security analyst with a passion for systems, architectures, networks, and their security. He seeks a challenging position, to find and apply modern solutions for malicious cyber campaigns targeting companies, infrastructure, and governments large and small, and for opportunities to enact methods to disrupt them.

Work Experience

Cyber Security Analyst **PerimeterX, Inc. (San Mateo, USA)** **11/2019 – (current)**
Worldwide leader in behavioural bot management protection for e-Commerce apps. | https://www.perimeterx.com

- Lead and mentor to customers and multiple internal departments, alike. Evolved an onboarding program for the WFH era.
- Specialties in technical integrations, data logging solutions, high-value item AIO software research, JavaScript supply-chain risk, and information processing and asset (cookie, scripts, etc.) identification questionnaires.
- Automated alerting patterns and data query through parameterisation and scripting in YAML, SQL, JS, and Python.
- Identified multiple specific key patterns in anomalous network & client-side data points from Petabyte-scale data, then synthesised these into backend detection models to prevent and terminate account takeover, fraud, and card theft.

Cyber Security Analyst (Intern) **Pipeline Security, K.K. (Tokyo, Japan)** **02/2019 – 07/2019**
Leading provider of DNS security intelligence feeds to the Asia-Pacific (APAC) region. | https://pipelinesecurity.net

- Researched internal risk vulnerability by configuring secure policies & installing updates for cloud-hosted virtual machines, and programming a BIND DNS server with Response-Policy Zones to examine SIEM data visualization by ELK.
- Transformed customer image by contributing four articles of how-to documentation and negotiating a redesign of knowledgebase and homepage with co-workers, while providing production support to three customer companies.
- Investigated a false-positive spam listing, due to an issue identified in a shared hosting provider's nameservers (NS).
- Slashed company expenditure by facilitating secure data destruction / modernizing OS & software on the computers.

Website Developer, Security Engineer **Junction Ltd. (Tokyo, Japan)** **11/2016 - 05/2017**
Largest international hackathon in Japan, supported by many partnering sponsors. | https://www.hackjunction.com

- Relaxed worries of 550 participants towards *Junction Tokyo*'s website by responsibly reporting configuration flaws in a form, integrating an HTTPS certificate, and improving loading & development time with a WordPress redesign.

Skills

Certifications / Licenses	AWS Cloud Practitioner (-2024); Microsoft Azure SysAdmin [Associate] (-2022); CompTIA Security+ / A+ (-2024), Mobility+ / CDIA+ (lifetime)
Operating Systems	Windows, Mac OSX, Linux (Fedora, ChromeOS, Debian, CentOS, Android, Ubuntu)
Programming, Scripting	UNIX bash, SQL, VCL, JavaScript, Python, HTML, YAML, JSON, Java, Ruby
Programs / Toolkits	AWS EC2, CloudFormation, Fastly, Google APIs, BigQuery, Redash, Prometheus, ELK, CircleCI, git, SSH, curl, Insomnia, DNS/BIND, Android Studio, Trello, Confluence, JIRA
Websites Created / Contributed	http://www.pxcops.company [2020-] , https://madicetea.me [2018-] https://peakstudentcouncil.org [-2019], http://tokyo.hackjunction.com [-2017]
Accomplishments	CircleCI Orbtoberfest Winner (2020), GitHub Hacktoberfest Winner (2018 - 2020), ICMCP Black Hat Scholar (2017)

Education

The University of Tokyo [UTokyo] **(Tokyo, Japan)** **09/2015 – 09/2019**
Bachelor's Degree in Environmental Science **Minors** in Informatics & Science and Technology Studies